

## SEQUENCE LISTING

&lt;110&gt; BASF AKTIENGESELLSCHAFT et al.

<120> METHODS FOR THE PREPARATION OF A  
FINE CHEMICAL BY FERMENTATION

&lt;130&gt; BGI-158PC2

&lt;150&gt; PCT/IB2003/006456

&lt;151&gt; 2003-12-18

&lt;160&gt; 24

&lt;170&gt; FastSEQ for Windows Version 4.0

&lt;210&gt; 1

&lt;211&gt; 1070

&lt;212&gt; DNA

&lt;213&gt; Corynebacterium glutamicum

&lt;220&gt;

&lt;221&gt; CDS

&lt;222&gt; (22)... (1029)

&lt;400&gt; 1

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Arg Asn Leu Ala Met Glu Leu Val Arg Val Thr Glu Ala Ala Ala Leu
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gcc gct gtt gac gcc atg cgc cag ctg atc aac tca gtg acc atg aag 195
Ala Ala Val Asp Ala Met Arg Gln Leu Ile Asn Ser Val Thr Met Lys
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Gly Val Val Val Ile Gly Glu Gly Glu Lys Asp Glu Ala Pro Met Leu
          60          65          70

tac aac ggc gaa gag gtc gga acc ggc ttt gga cct gag gtt gat atc 291
Tyr Asn Gly Glu Glu Val Gly Thr Gly Phe Gly Pro Glu Val Asp Ile
          75          80          85

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Ala Val Asp Pro Val Asp Gly Thr Thr Leu Met Ala Glu Gly Arg Pro
          95          100          105

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Leu Asp Arg Pro Arg His Ile Glu Leu Ile Ala Asp Ile Arg Arg Ala
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Gly Thr Pro Glu Gly Ile Ile Thr Ala Cys Ala Met Lys Cys Met Gly
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Lys Ala His Asp Ala Gly Leu Val Leu Asp Gln Val Leu His Thr Asn
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gat ctg gtg agc tcc gac aac tgc tac ttc gtg gca acc ggt gtg acc 867
Asp Leu Val Ser Ser Asp Asn Cys Tyr Phe Val Ala Thr Gly Val Thr
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Glu Ser Val His Gln Leu Ser Lys Leu Gln Glu Tyr Ser Val Val Asp
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<211> 335
<212> PRT
<213> Corynebacterium glutamicum

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Arg Gln Leu Ile Asn Ser Val Thr Met Lys Gly Val Val Val Ile Gly
50      55      60
Glu Gly Glu Lys Asp Glu Ala Pro Met Leu Tyr Asn Gly Glu Glu Val
65      70      75      80
Gly Thr Gly Phe Gly Pro Glu Val Asp Ile Ala Val Asp Pro Val Asp
85      90      95
Gly Thr Thr Leu Met Ala Glu Gly Arg Pro Asn Ala Ile Ser Ile Leu
100     105     110
Ala Ala Ala Glu Arg Gly Thr Met Tyr Asp Pro Ser Ser Val Phe Tyr
115     120     125
Met Lys Lys Ile Ala Val Gly Pro Glu Ala Ala Gly Lys Ile Asp Ile
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145     150     155     160
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Ile Glu Leu Ile Ala Asp Ile Arg Arg Ala Gly Ala Lys Val Arg Leu
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195     200     205
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210     215     220
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260     265     270
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275     280     285
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&lt;211&gt; 35

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic construct

&lt;400&gt; 3

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35

&lt;210&gt; 4

&lt;211&gt; 34

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic construct

&lt;400&gt; 4

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34

&lt;210&gt; 5

&lt;211&gt; 4323

&lt;212&gt; DNA

&lt;213&gt; Corynebacterium glutamicum

&lt;400&gt; 5

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&lt;210&gt; 6

&lt;211&gt; 5860.

&lt;212&gt; DNA

<213> *Corynebacterium glutamicum*

&lt;400&gt; 6

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&lt;210&gt; 9

&lt;211&gt; 1263

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